

Claims

1. An aqueous-based preparation for application to the skin or skin appendages including a mixture of at least two aqueous dispersions of film-forming polymers of which one is a polyurethane-based polymer and the other is an acrylic-based polymer and optionally conventional constituents, wherein the preparation is of a viscosity in the range of between 0.02 and 3.8 Pa's measured at 25°C and with 200 s⁻¹.

2. A preparation as set forth in claim 1 characterized in that as the polyurethane film-forming agents at least one polymer is selected from polyester polyurethanes, polyether polyurethanes, polyurethane polyvinyl pyrrolidones, acrylic polyurethanes and silicone-bearing polyurethanes or mixtures thereof in the form of an aqueous dispersion.

3. A preparation as set forth in claim 1 or claim 2 characterized in that the aqueous dispersions form between 50 and 90% of the preparation.

4. A preparation as set forth in one of claims 1 through 3 characterized in that the polyurethane film-forming agent is contained in a proportion of between 1 and 60%, in each case with respect to the weight of the preparation.

5. A preparation as set forth in one of the preceding claims characterized in that as the acrylic copolymer it contains an acrylic polymer which can be obtained by polymerization of at least one monomer which contains an ethylenically unsaturated bond, selected from α,β -ethylenically unsaturated carboxylic acids, α,β -ethylenically unsaturated carboxylic acid esters, α,β -ethylenically unsaturated carboxylic acid amides and mixtures thereof, optionally with olefinically unsaturated comonomers.

6. A preparation as set forth in one of the preceding claims characterized in that the acrylic polymer is obtained by polymerization of monomers selected from the group consisting of acrylic acid, methacrylic acid, crotonic acid, maleic acid and itaconic acid.

7. A composition as set forth in one of the preceding claims characterized in that the acrylic polymer is selected from aryl and alkyl acrylates and mixtures thereof.

8. A preparation as set forth in one of the preceding claims characterized in that a mixture of acrylates copolymer and styrene/acrylic copolymers is contained therein as the acrylic polymer.

9. A preparation as set forth in one of the preceding claims characterized in that the polymers are present in the polymer dispersions in the form of particles of a size of between 10 and 1000 nm.

10. A preparation as set forth in one of the preceding claims characterized in that the polymers contained in the polymer dispersions have film-forming temperatures of below 30°C.

11. A preparation as set forth in one of the preceding claims characterized in that at least 30% of the copolymers or polymers which are contained in the polymer dispersions and which are water-resistant in the dried condition have a glass transition temperature of below 10°C.

12. A preparation as set forth in one of the preceding claims characterized in that between 5 and 30% of one or more of the dispersions of statistical or block copolymers have a block or portion whose glass transition temperature in the dried condition is higher than 30°C.

13. A preparation as set forth in one of the preceding claims characterized in that as conventional constituents it contains plasticisers, wetting agents, anti-foaming agents, coloring agents, preserving agents, fragrances and/or flavoring agents.

14. A preparation as set forth in one of claims 1 through 13 characterized in that one or more pigments are contained therein.

15. A preparation as set forth in claim 14 characterized in that at least one thickener is additionally contained therein.

16. A preparation as set forth in claim 15 characterized in that for thickening purposes it contains natural and/or synthetic and/or modified polysaccharides, mineral and/or modified mineral thickeners, silicate thickeners, celluloses and modified celluloses, non-ionic associative thickeners and/or copolymer thickeners.

17. A preparation as set forth in claim 15 or claim 16 characterized in that it contains at least one polysaccharide, at least one mineral thickener and at least one vegetable gum.

18. A preparation as set forth in one of claims 15 through 17 characterized in that for thickening purposes it contains a mixture of cellulose or a cellulose derivative, a silicatic thickener and xanthane gum.

19. A preparation as set forth in claim 18 characterized in that it contains cellulose, silicate and xanthane gum in a ratio of between 1:1:4 and 1:2:6.

20. A preparation as set forth in one of claims 14 through 19 characterized in that the thickener is contained therein in a proportion of between 0.2 and 20%, in particular between 0.2 and 5%, in each case with respect to the weight of the composition.

21. Use of a preparation as set forth in one of claims 1 through 20 for application to skin or skin appendages, in particular to keratinic material.

22. Use as set forth in claim 21 for application to hair, eyelashes and/or eyebrows.

23. Use as set forth in claim 21 for making up the eyes and eyelashes.

24. A device for applying a preparation as set forth in one of claims 1 through 20 including a container which can accommodate the preparation and which has a neck portion with a screwthread and a seal, and an applicator element which at its one end has a brush and at its other end a handle which forms a closure cap, wherein the brush head is of a diameter

in the range of between 5.5 and 6.5 mm and is of a length in the range of between 12.5 and 17.5 mm and wherein the bristles are arranged in a helical arrangement radially around a central portion with a large number of turns.